

**AMENDMENTS TO THE CLAIMS**

1 (Currently amended). A pump for transporting body fluids comprising  
a pump housing having an outer wall;  
a rotor positioned for rotation within the pump housing; and  
inner walls within the pump housing that surround at least a portion of the rotor defining an  
inner region forming a first passageway between the rotor and the inner walls and further defining  
an outer region forming a second passageway between the outer wall and the inner walls,  
the first passageway permitting fluid flow into the pump in a first direction and the second  
passageway permitting fluid flow output from the pump in the reverse direction.

2 (Original). The pump for transporting bodily fluids as recited in claim 1  
wherein the inner region and the pump housing are substantially cylindrical.

3 (Previously presented). The pump for transporting bodily fluids as recited in claim 1  
wherein the pump is a centrifugal pump.

4 (Previously presented). The pump for transporting bodily fluids as recited in claim 1  
wherein the interior walls substantially surround the rotor.

5 (Original). The pump for transporting bodily fluids as recited in claim 4  
wherein the pump is an axial pump.

6-46 (Canceled).

47 (Previously presented). The pump for transporting bodily fluids as recited in claim 1  
wherein the first passageway is coaxial with the inner walls.

48 (Previously presented). The pump for transporting bodily fluids as recited in claim 1  
wherein the second passageway is coaxial with the outer walls.